

V&V Reference Report

L2 ASCDS Version : 8.4.5

Observation 2264 - L2 Version 3
Chandra X-Ray Center

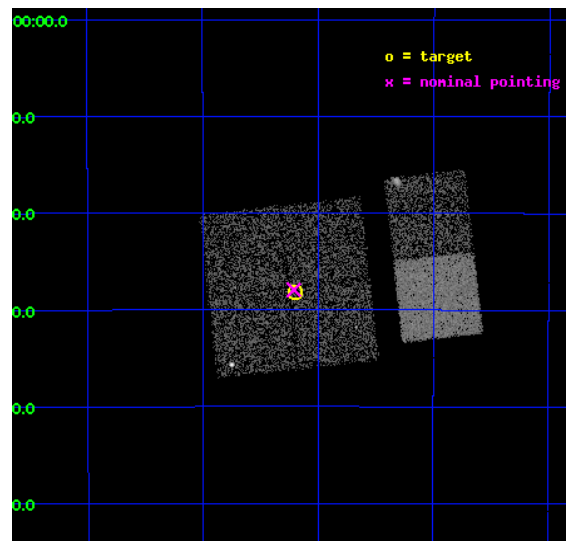
L2 Processing Date : Sep 17 2012

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1 Front

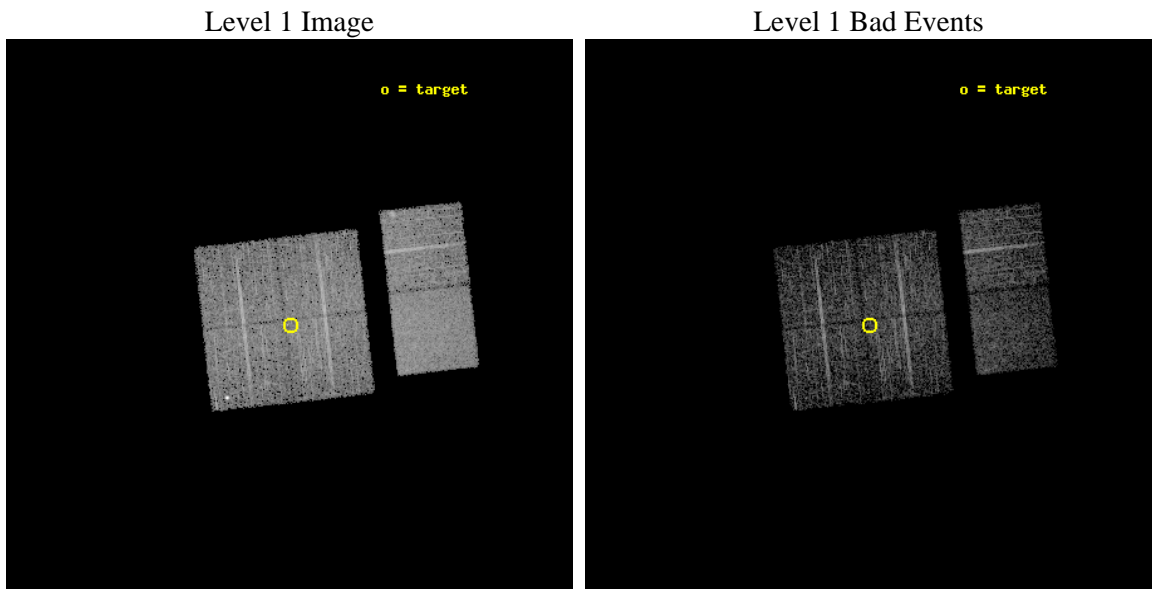
seq_num	900091	Sequence number
obs_id	2264	Observation id
title	CHANDRA OBSERVATION OF HARD X-RAY SOURCES DISCOVERED WITH ASCA	Pro
observer	Dr Yoshihiro Ueda	Principal investigator
object	AGX~J204711-3628	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	311.799583	Observer's specified target RA [deg]
dec_targ	-36.47	Observer's specified target Dec [deg]
ra_nom	311.80255740212	Nominal RA [deg]
dec_nom	-36.465727512004	Nominal Dec [deg]
roll_nom	83.633216350458	Nominal Roll [deg]
revision	3	Processing version of data
ontime	3948.583947733	Sum of GTIs [s]
livetime	3898.584600235	Livetime [s]
ontime0	3951.7017879933	Sum of GTIs [s]
ontime1	3951.7428279966	Sum of GTIs [s]
ontime2	3951.7838679999	Sum of GTIs [s]
ontime3	3948.583947733	Sum of GTIs [s]
ontime6	3951.9069879949	Sum of GTIs [s]
ontime7	3951.8659479916	Sum of GTIs [s]
l2events	30181	Number of level 2 events



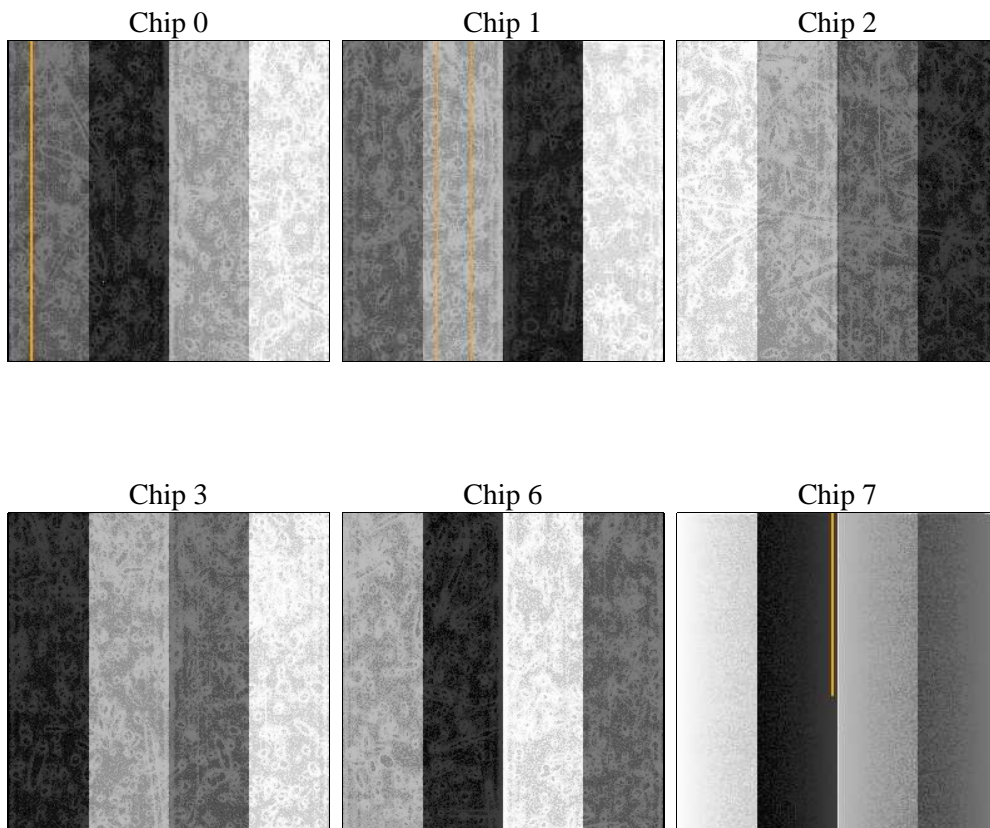
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	4000.000000	[s] Scheduled observation exposure time
ascdsver	8.4.5	Processing system revision	ontime	3948.583947733	Sum of GTIs [s]
caldsver	4.5.1.1	 	ontime0	3951.7017879933	Sum of GTIs [s]
date	2012-09-17T21:28:08	Date and time of file creation	ontime1	3951.7428279966	Sum of GTIs [s]
revision	3	Processing version of data	ontime2	3951.7838679999	Sum of GTIs [s]
			ontime3	3948.583947733	Sum of GTIs [s]
			ontime6	3951.9069879949	Sum of GTIs [s]
			ontime7	3951.8659479916	Sum of GTIs [s]
			l1events	171996	Number of level 1 events

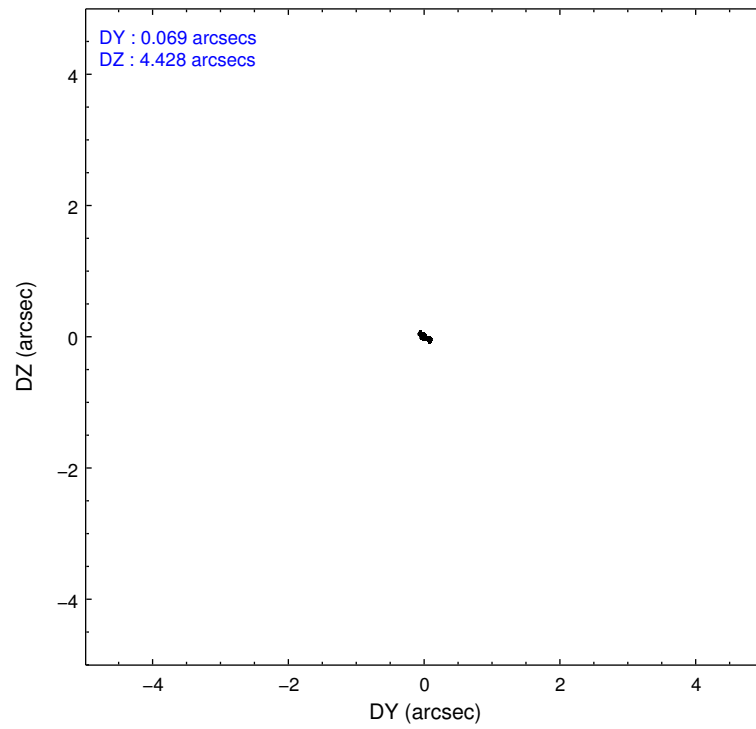
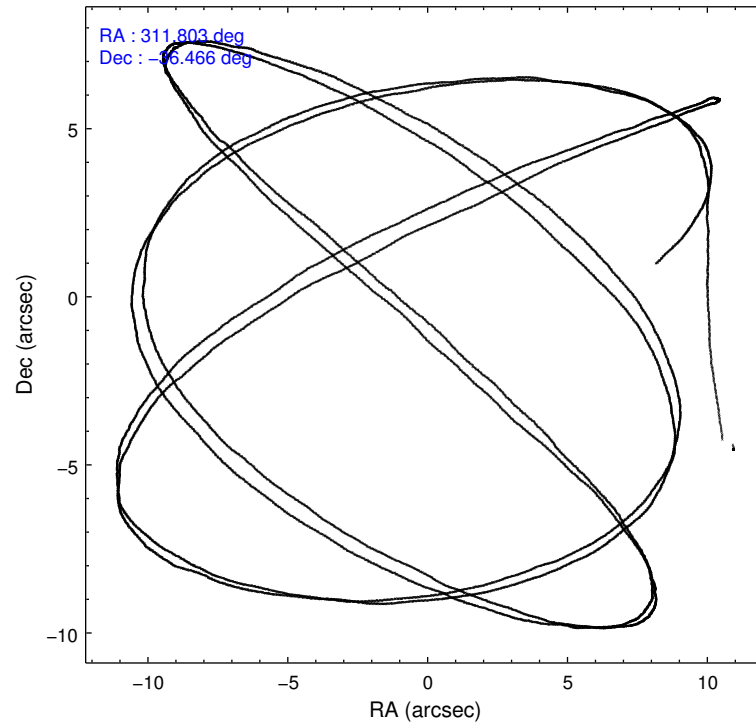
2.1.4 Events

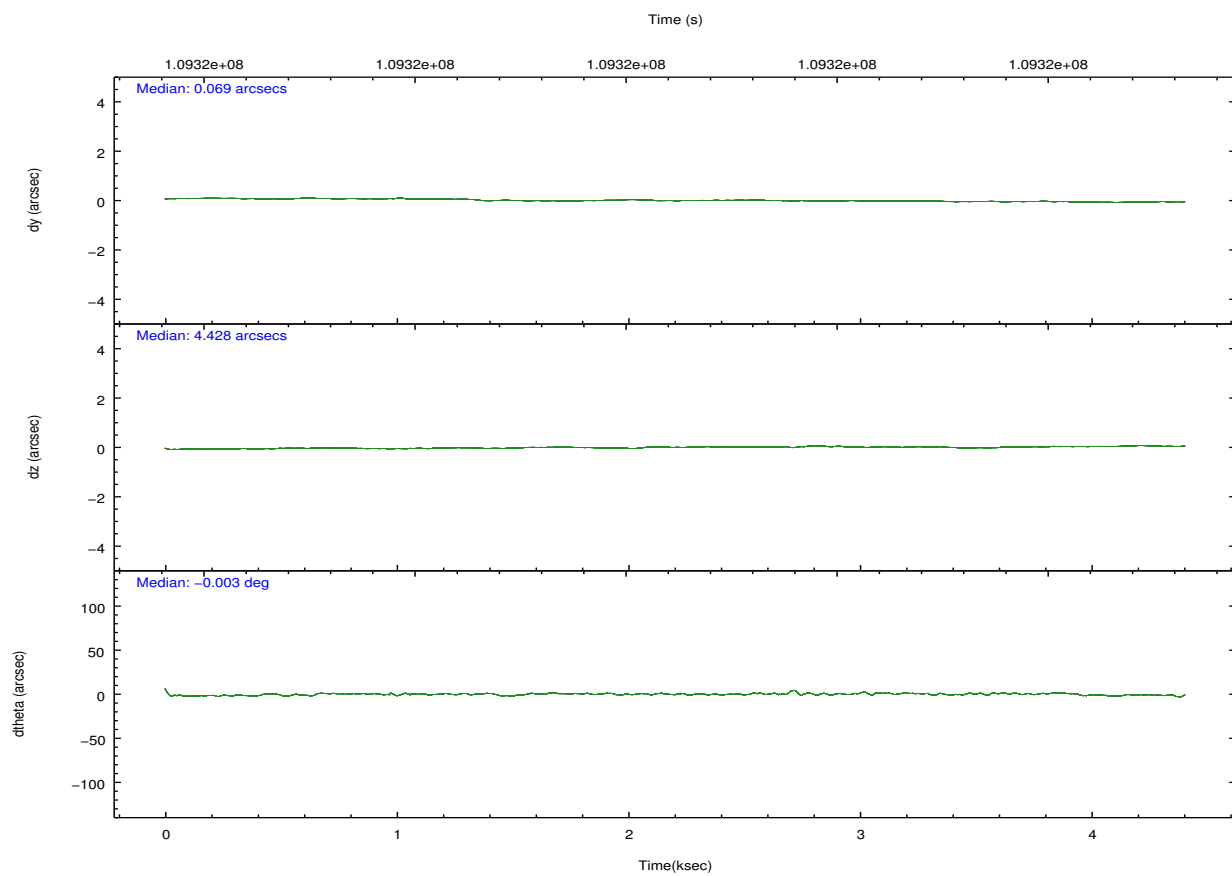
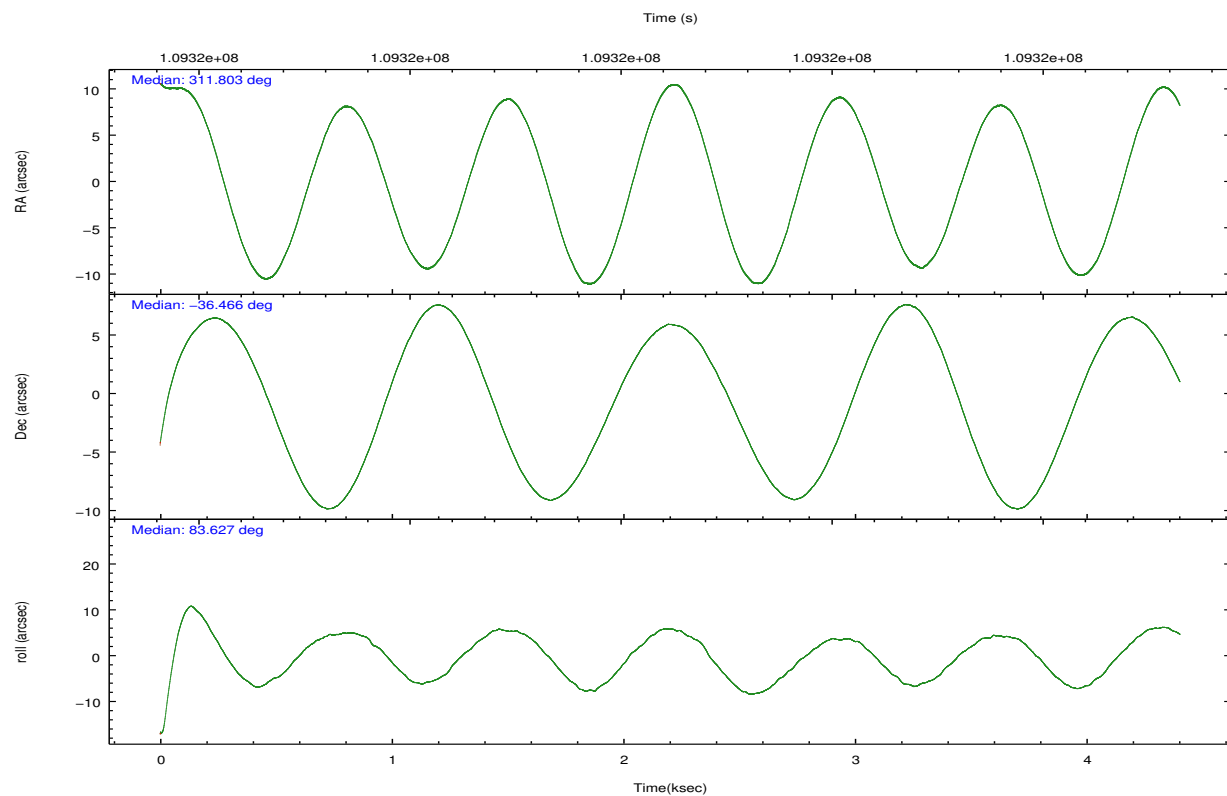
	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	25177	27101	28603	27362	29518	34235	grade 0 events	1475	2785	1402	1498	1750	1445
rejected events	21848	22108	25423	24087	25819	19721		5%	10%	4%	5%	5%	4%
rejected %	86%	81%	88%	88%	87%	57%	grade 1 events	15	26	15	13	13	30
								0%	0%	0%	0%	0%	0%
							grade 2 events	650	808	683	651	719	2866
								2%	2%	2%	2%	2%	8%
							grade 3 events	317	402	288	309	295	1328
								1%	1%	1%	1%	0%	3%
							grade 4 events	304	394	282	284	305	1260
								1%	1%	0%	1%	1%	3%
							grade 5 events	931	988	881	954	1123	3216
								3%	3%	3%	3%	3%	9%
							grade 6 events	589	607	527	540	642	7630
								2%	2%	1%	1%	2%	22%
							grade 7 events	20896	21091	24525	23113	24671	16460
								82%	77%	85%	84%	83%	48%

2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	7	7
Detector	ACIS-012367	ACIS-012367	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	Number of optional ACIS chips dropped	0	0
Observation mode	POINTING	POINTING	On-chip summing requested	N	N
[deg] Pointing RA	311.816189	311.8025574021248	Subarray requested	NONE	NONE
[deg] Pointing Dec	-36.490993	-36.46572751200416	Alternating exposures requested	N	N
[deg] Pointing Roll	83.432701	83.63321635045845	[s] Primary exposure time	0.000000	3.2
[mm] SIM focus pos	-0.782348	-0.7809083437167272			
[mm] SIM defocus	0	0.001439871863259334			
[mm] SIM translation stage pos	-233.592463	-233.5874344608287			
[mm] SIM translation stage offset	0	-0.005018542100998502			
[s] Observation start time (MET)	109315433.184000	109314370.40443			
Observation start date	2001-06-19T05:22:49	2001-06-19T05:06:10			
[s] Observation end time (MET)	109319433.184000	109320004.31715			
Observation end date	2001-06-19T06:29:29	2001-06-19T06:40:04			
Read mode	TIMED	TIMED			

2.3 Aspect



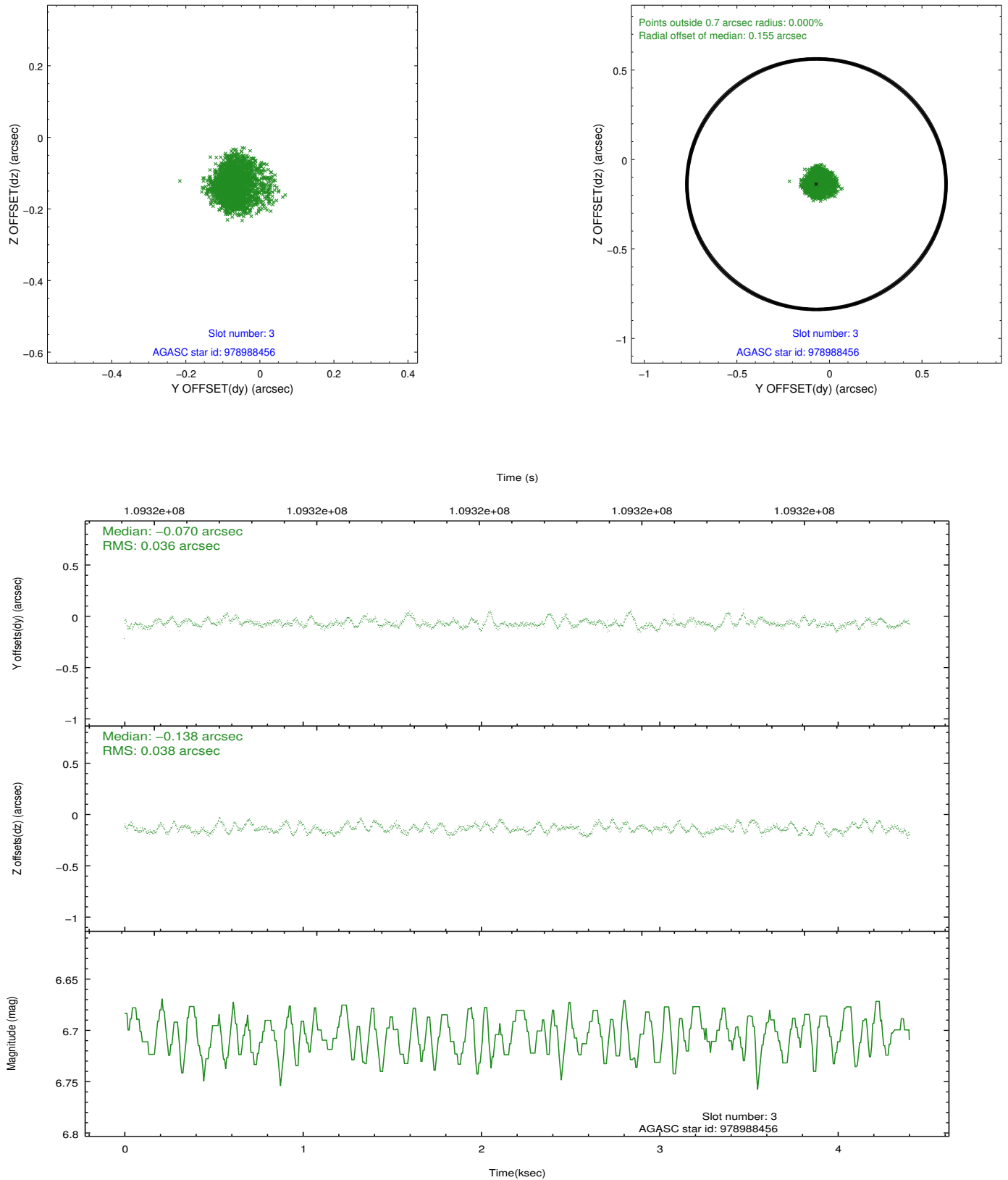


Slot Statistics

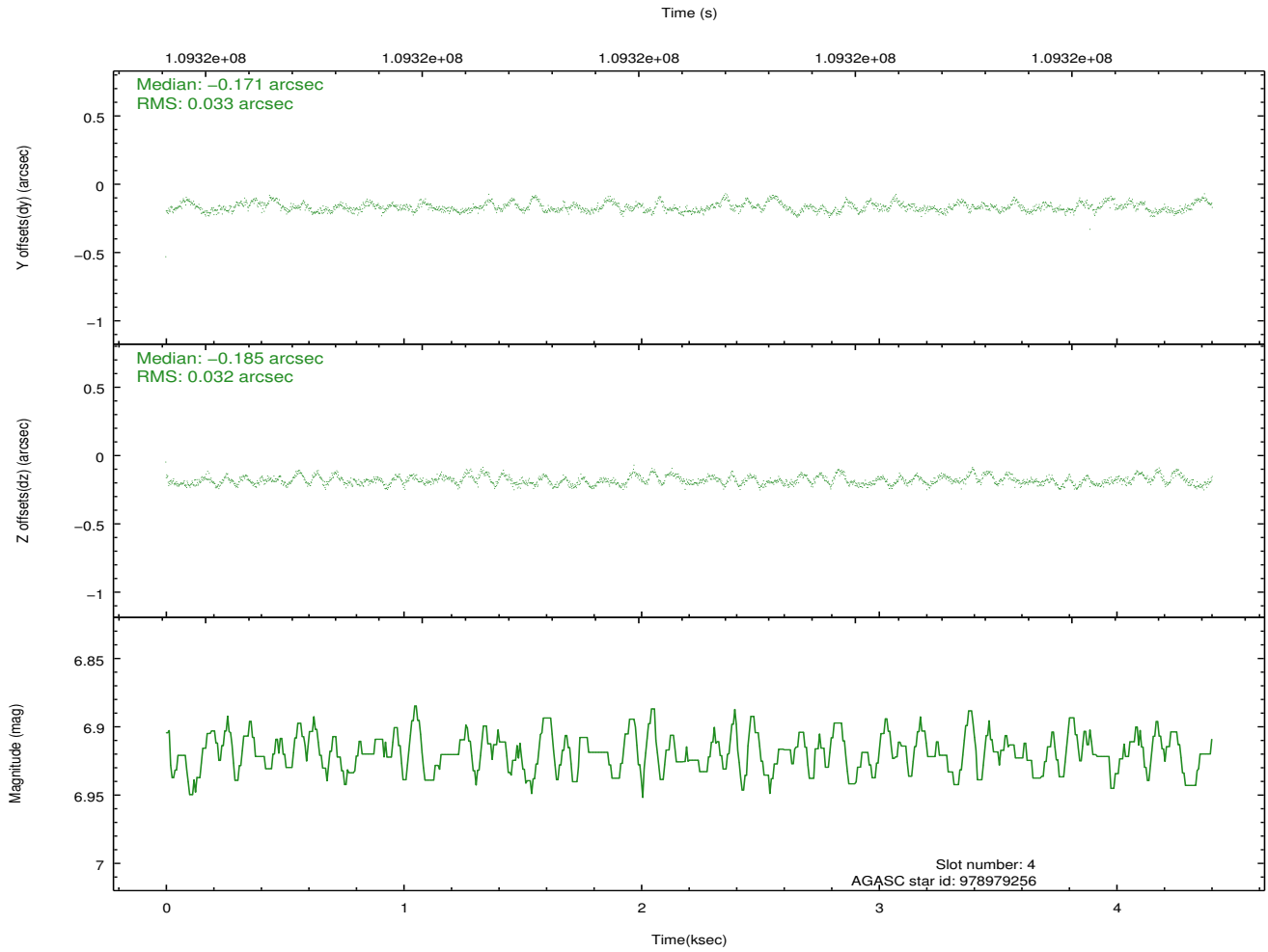
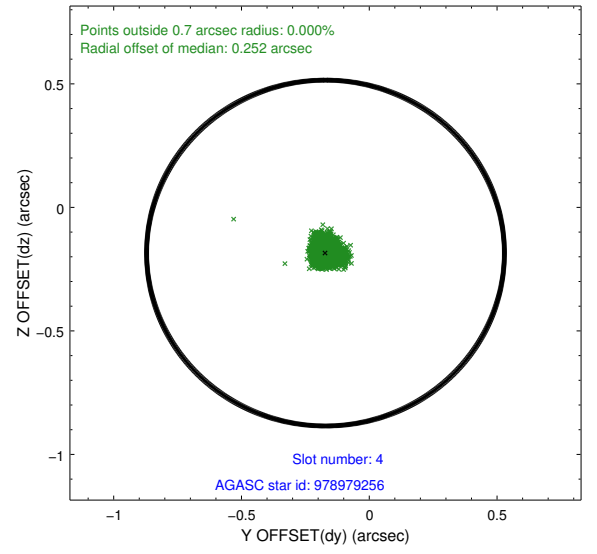
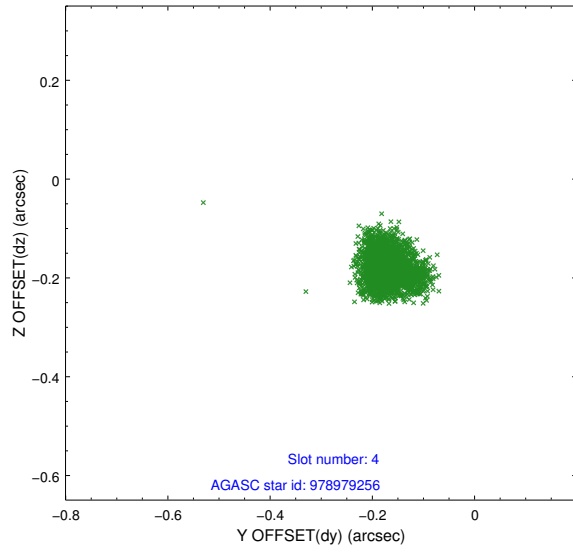
slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-I-2	7.14	1071	-0.036	-0.039	0.012	0.022	0.000000	0.000000	-754.41	-834.16
1	FID	ACIS-I-4	7.19	1073	0.009	0.039	0.008	0.014	0.000000	0.000000	2159.05	1071.42
2	FID	ACIS-I-5	7.23	1075	-0.074	0.069	0.010	0.019	0.000000	0.000000	-1806.48	1070.86
3	GUIDE	978988456	6.70	2149	-0.070	-0.138	0.055	0.091	311.577530	-36.120150	1245.78	842.13
4	GUIDE	978979256	6.92	2148	-0.171	-0.185	0.048	0.076	311.170573	-35.827550	2151.17	2145.19
5	GUIDE	978982864	8.35	2141	0.192	-0.004	0.051	0.083	311.499492	-37.036400	-2055.10	680.33
6	GUIDE	978985320	8.44	2146	0.056	0.134	0.058	0.097	312.286798	-36.485223	172.31	-1350.51
7	GUIDE	978984776	9.21	2144	-0.016	0.193	0.071	0.113	312.354186	-36.265308	981.60	-1459.18

2.4 Star Slots

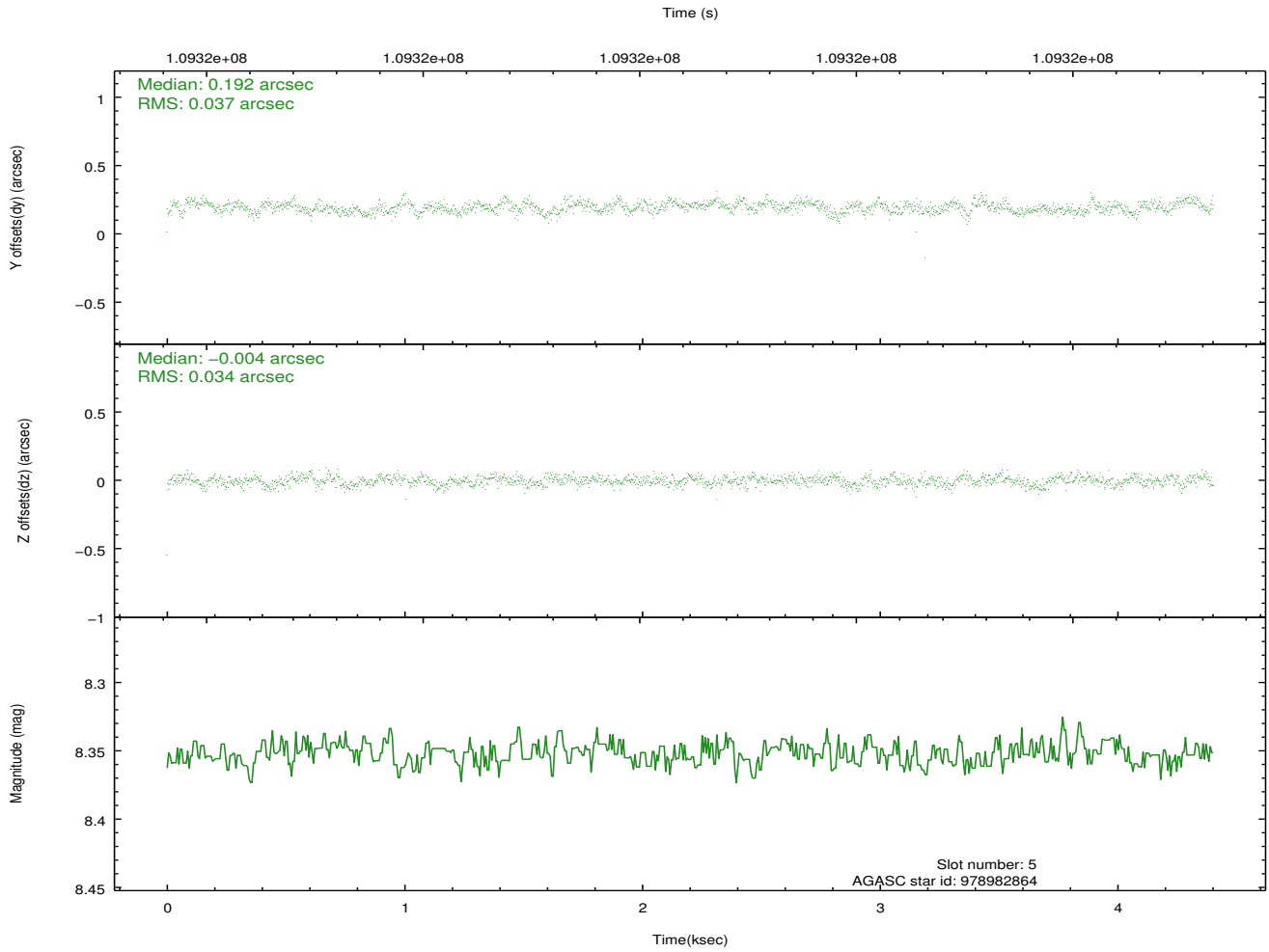
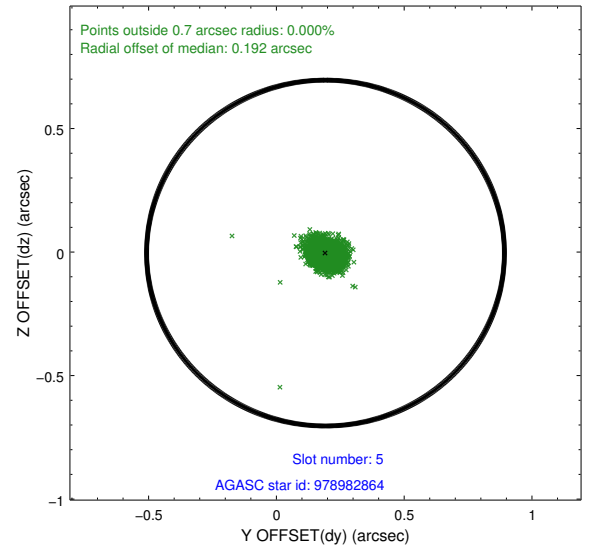
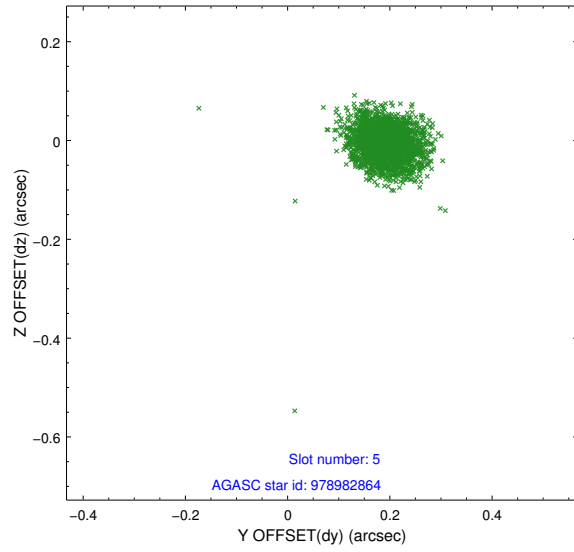
2.4.1 Slot 3



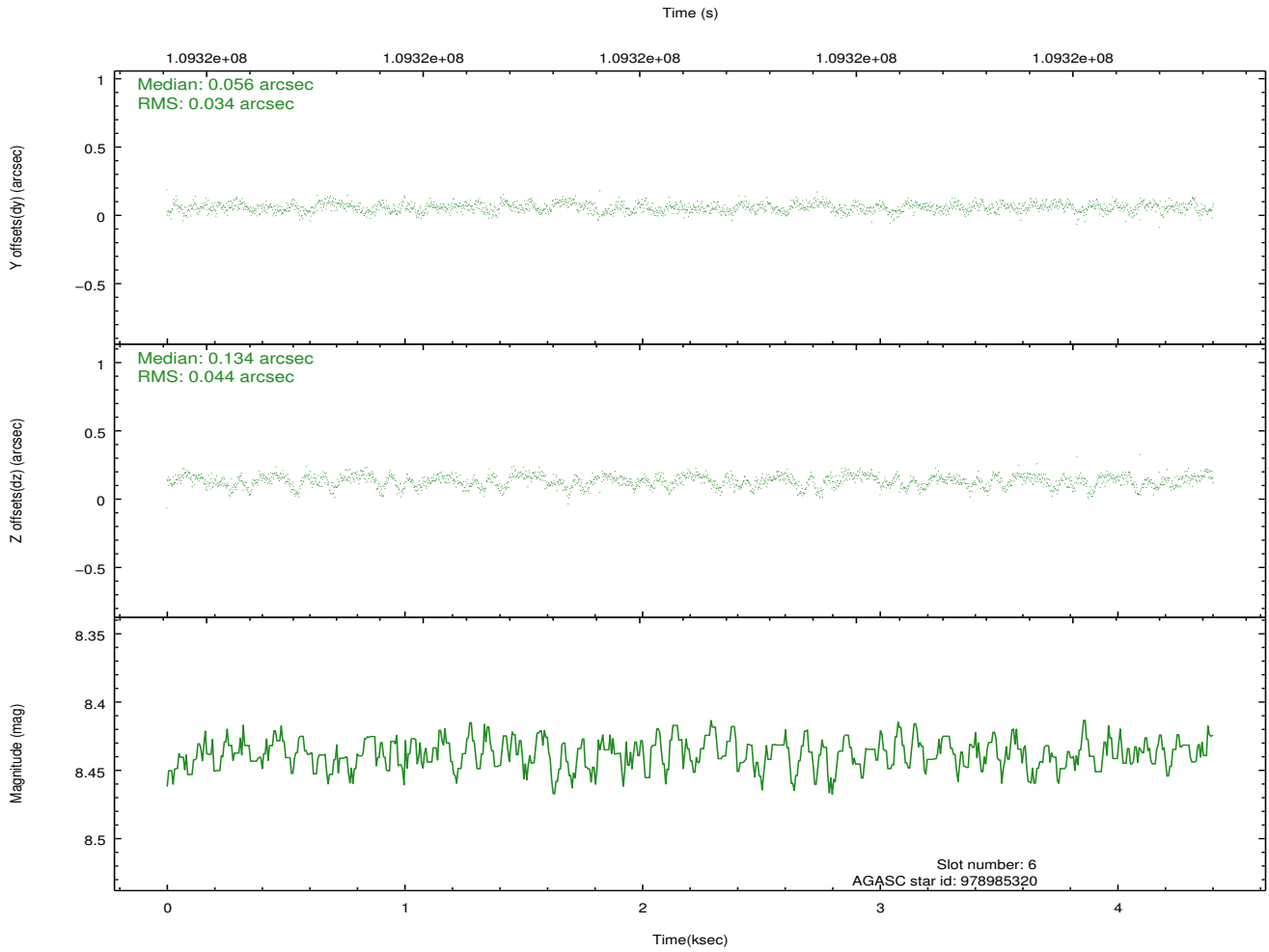
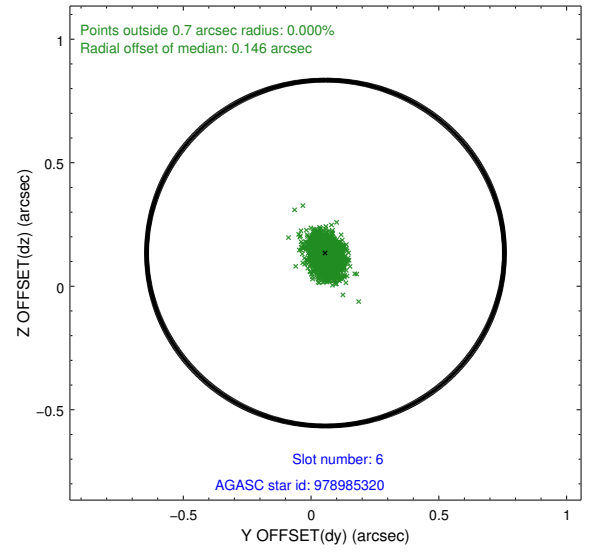
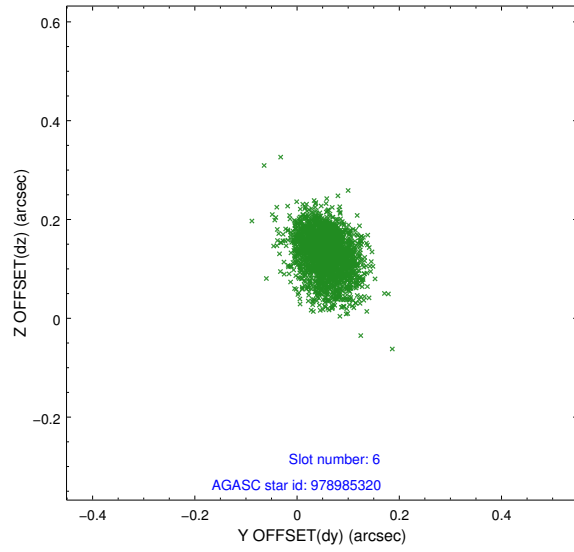
2.4.2 Slot 4



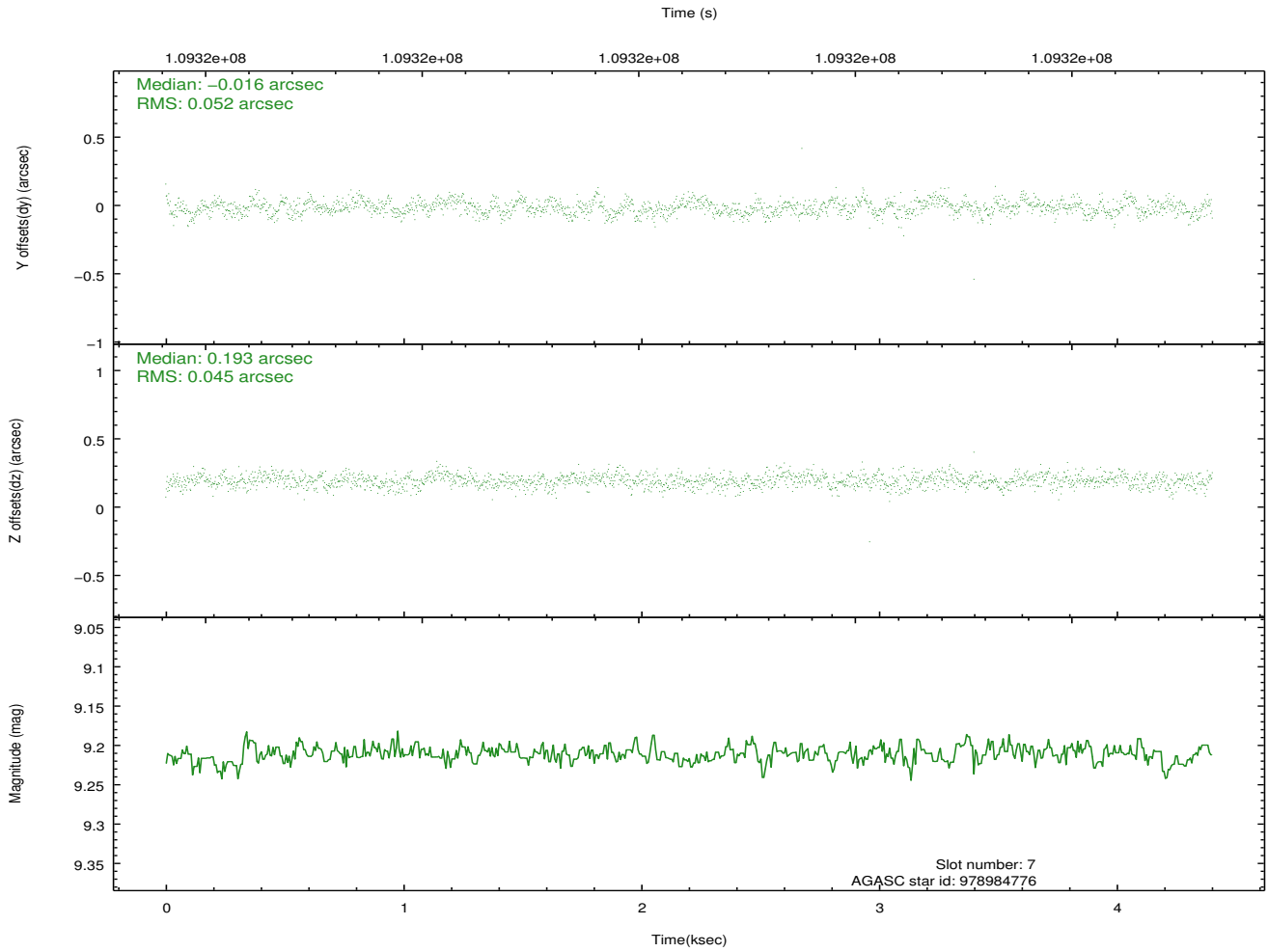
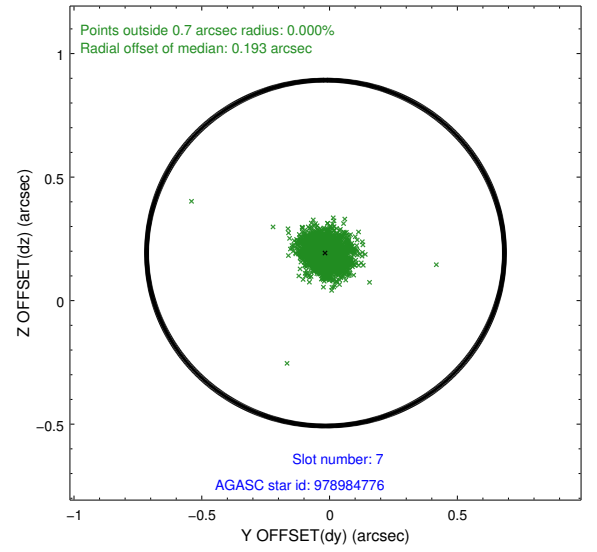
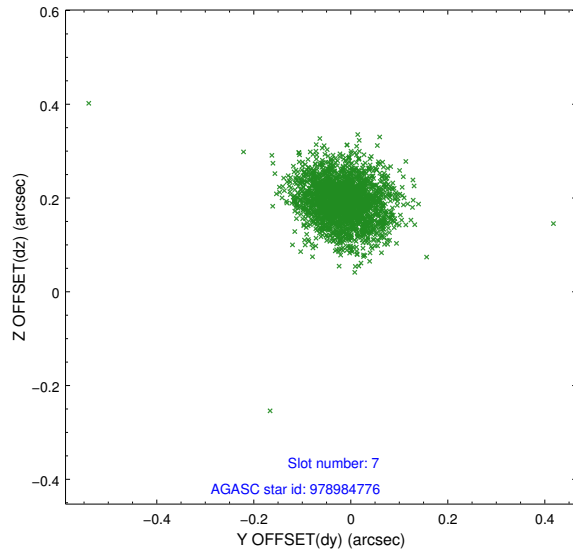
2.4.3 Slot 5



2.4.4 Slot 6

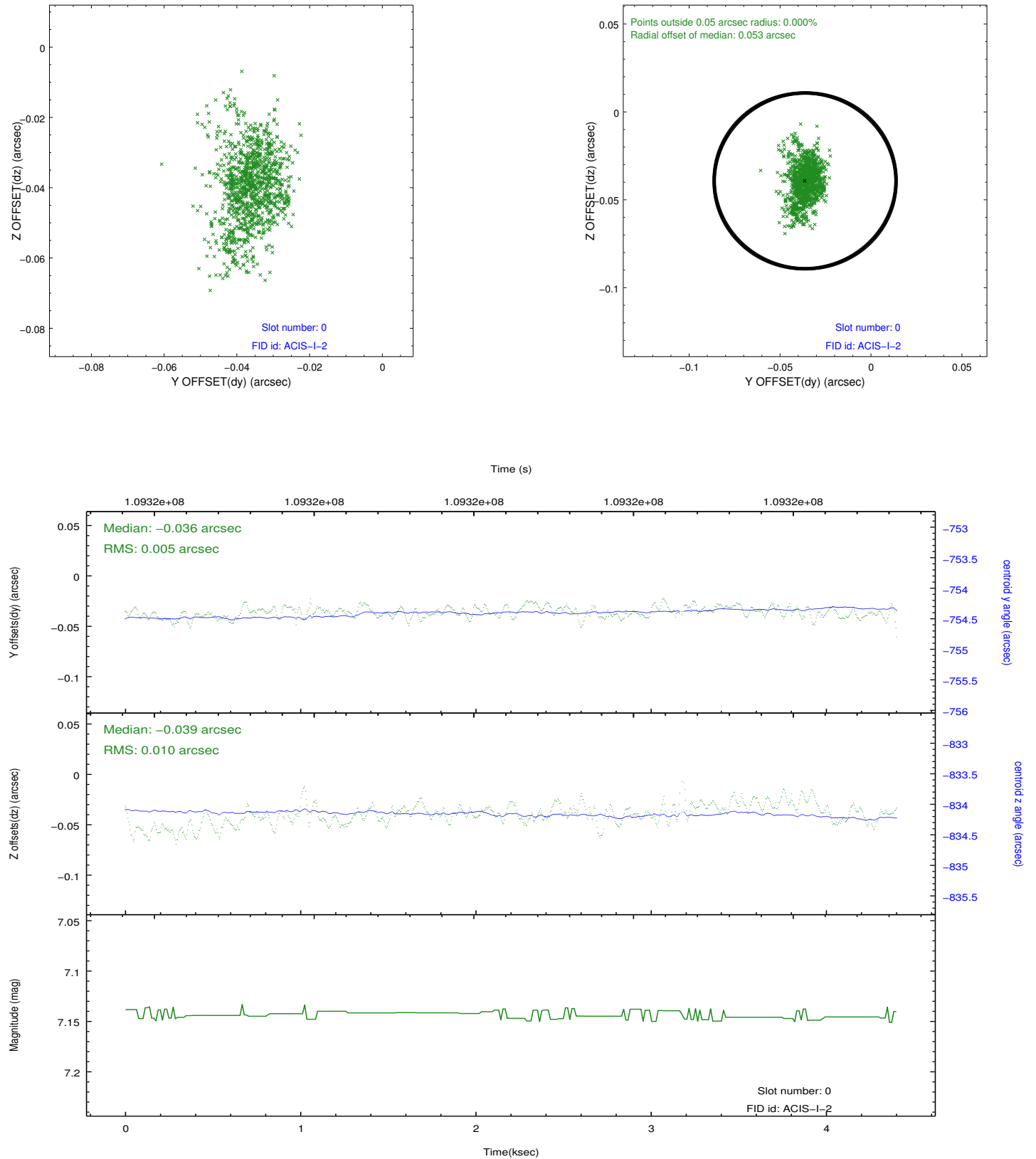


2.4.5 Slot 7

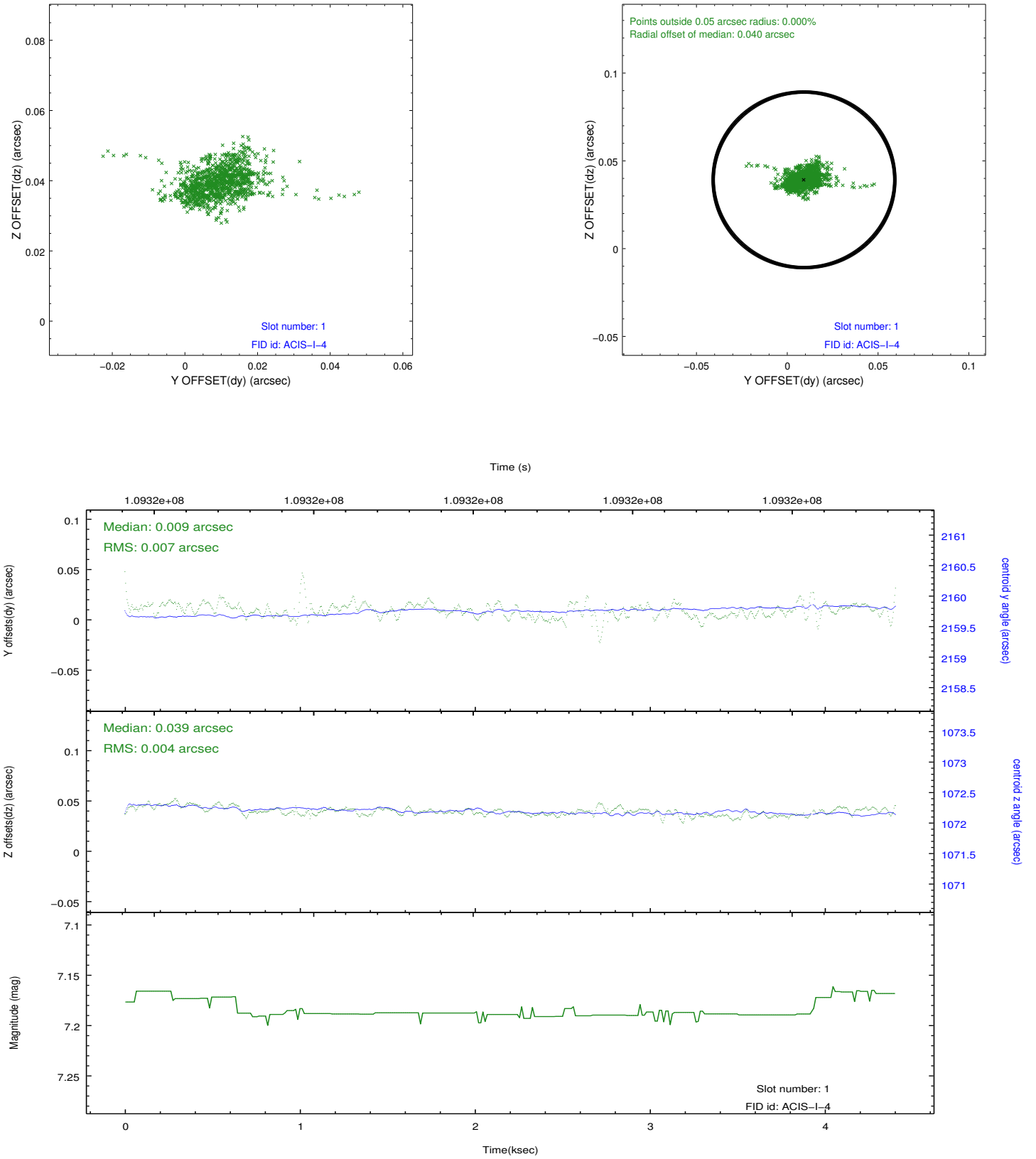


2.5 FID Slots

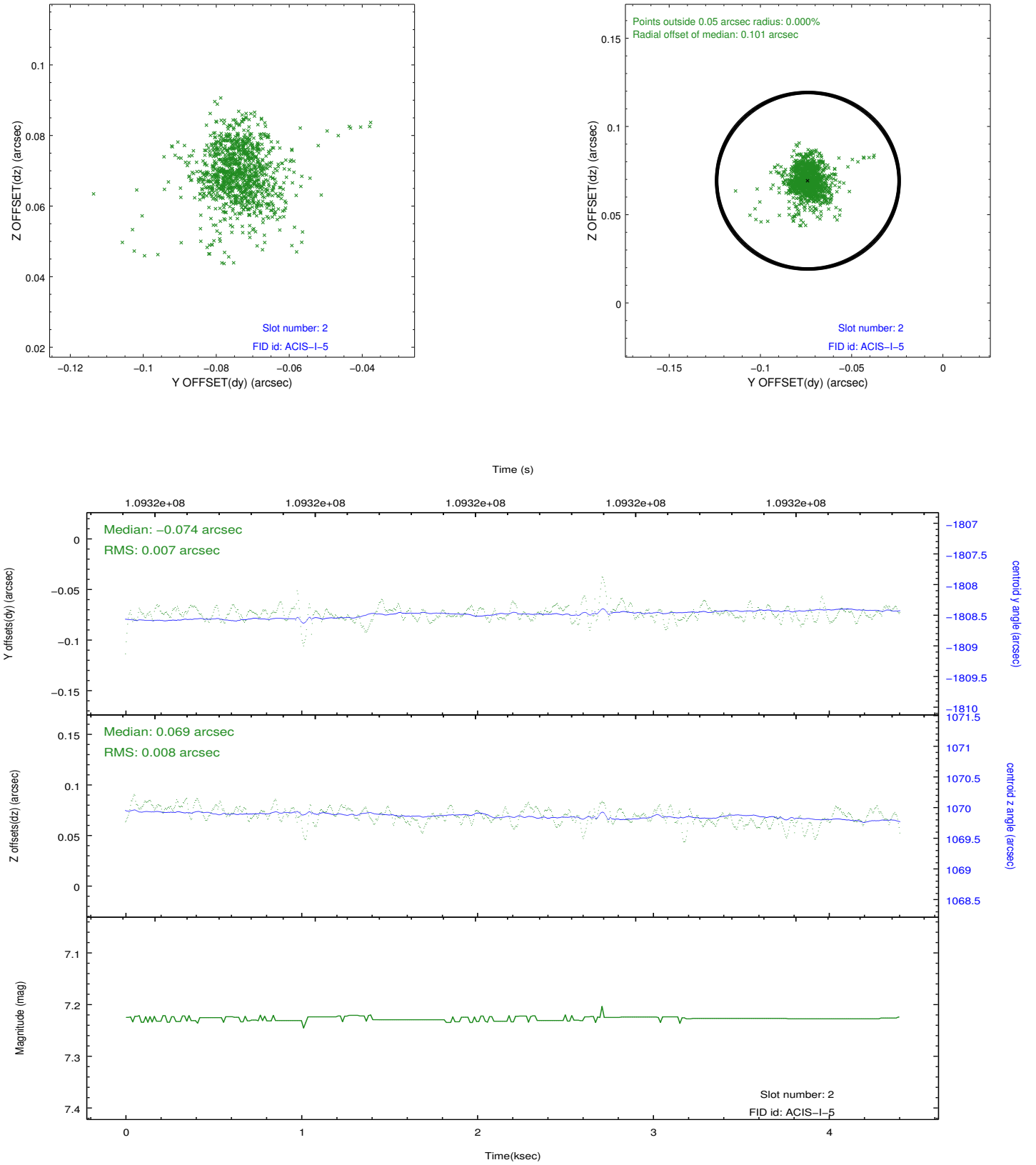
2.5.1 Slot 0



2.5.2 Slot 1



2.5.3 Slot 2



A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.09.20
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	3.948

A.2 Comments